

ML engineer honored with BEYA award

by **Timothy R. Anderl**, *Materials and Manufacturing Directorate*

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — An Air Force Research Laboratory Materials and Manufacturing Directorate engineer will receive a 2003 Black Engineer of The Year Award at the 17th Annual Black Engineer of the Year Awards Conference to be held in Baltimore Feb. 13 through 15.

Edmund Moore, a basic research program manager/scientist, will receive the award in the Special Recognition category for his professional achievements and personal commitment to helping others succeed. The BEYA honor is given to black engineers who are recognized as front-runners. Moore's career accomplishments and leadership, particularly during the nomination period, provided profound, long-term contributions to the placement of blacks, women and other minorities in the Air Force's scientific research and development areas.

"Throughout his career, Moore has demonstrated outstanding technical knowledge, professional integrity, a strong work ethic, leadership, and community consciousness, and has demonstrated the ability to conquer critical tasks," said Charles Browning, ML director. "His selection for this award and his outstanding efforts are testimony to his character, and to the dedication and professionalism of the men and women of ML."

Moore earned undergraduate degrees in mathematics and physics from Florida A&M. He began his career with ML in 1991, and was assigned to attend the University of Florida where he received both a master's degree and a doctorate in Materials Science and Engineering.

In November 2000, Moore assumed the added responsibility of implementing a program to increase the quantity of technical work performed by the Historically Black Colleges and Universities collaboration program, while increasing the number of blacks and other minority scientists in the directorate. The program seeks to identify, characterize and select the most compatible HBCUs with materials and manufacturing research and development capabilities to conduct mutually beneficial research and development efforts. The collaboration program Moore developed has become known as the "AFRL/ML HBCU Collaboration Model." He has influenced the modification and adoption of the model to AFRL and its other directorates, which have a combined annual budget of around \$1.5 billion and 2,700 employees. AFMC designated the model as a "Best Practice" Air Force program, and is currently implementing its adoption throughout the command.

Outside of work, Moore has served on a local task force for the city of Dayton, Ohio, is a member of the National Minority Science and Engineering Institute, and has served on the Pan-Hellenic Council as an officer, organizing youth career fairs and aiding fund raising efforts for scholarships to Central State and Wilberforce Universities. Moore is active in the Omega Baptist Church, and is a member of the steering committee of Parity Inc., a local minority think tank that is fostering education, economic development, media coverage and government responsibility.

He has published more than 10 technical papers in selected journals, and holds memberships in Sigma Xi, Keramos Fraternity, American Ceramic Society, National Institute of Ceramic Engineers and the Omega Psi Phi Fraternity. He is also affiliated with the National Association for the Advancement of Colored People, the National Management Association and the Urban League.

His accomplishments have earned him a six-year, \$20 million basic research program, the Support Division's Quick Reaction Evaluation Contract. This program focuses on corrosion support, electrical and structural materials, materials testing and evaluation, rain erosion, failure analysis, non-destructive inspection, composite testing, and electrical static discharge research and development activities at the directorate. In addition, he will assume materials research duties in the areas of carbon foam technology, ceramics and ceramic coatings.

BEYA was conceived 17 years ago, as a way to publicly recognize black men and women who achieved great success in their careers, but who were still largely unknown and unrecognized for their work in the technical communities. A panel of representatives from industry, government and national organizations selects award winners. Of the more than 3,000 nominations the BEYA selection panel has received during the last 17 years, a mere eight percent have been selected for awards. @



Edmund Moore